

15 July 1981

MEMORANDUM FOR: Director of Data Processing  
ATTENTION: Executive Officer  
FROM: [REDACTED]  
Deputy Director for Processing  
SUBJECT: Processing Weekly Report for  
Week Ending 14 July 1981

1. Systems Availability: Attached is the Systems Availability Report.

2. A software system update, System BO, was implemented in the Ruffing Center on 15 July. Included in the system update are six months of IBM maintenance, Release 2 of Networking, ACF2 maintenance, and some local code. The IBM maintenance includes a PTF which should eliminate some of the CTC hangs experienced by GIMPROD the past six months. Release 2 will enable testing of that capability to begin. [REDACTED]

3. On 14 July a modification was installed in VM/CMS to eliminate some of the overhead associated with CMS terminal I/O. The modification batches groups of output lines into a single I/O operation rather than an I/O operation per output line. The impact of the modification on system performance is currently being evaluated. [REDACTED]

4. VM went into production on 13 July, and is now available to the users of the Special Center. [REDACTED]

5. The IBM 6670 Laser Printer has been installed in the Special Center. Currently it is used in the offline mode. [REDACTED]

6. On 13 July the Ruffing Center Output Services Branch assumed all duties and responsibilities [REDACTED]  
[REDACTED] Personnel and associated equipment have been relocated to the Control Point Area of the Ruffing Center. [REDACTED]  
[REDACTED]

7. The Ruffing Center had a poor week. Another VEPCO power problem Wednesday afternoon caused JES and Batch a loss of 68 minutes. Both also lost 30 minutes due to a bad Cambridge memory card. A JES error contributed to a loss of 45 minutes for most of the OCR applications on Friday. TADS had an excellent week until Monday's outage of 140 minutes, when a power supply failed in the IBM 370/158. All applications had at least 20 minutes of lost time for the week, and most of them had considerably more.

STAT [REDACTED]

8. There were few Special Center problems. CAMS was down four times on different days, averaging 27 minutes per incident, due to spool pack errors, an Amdahl memory error, CAMS software, and GIMS software. TPSTAR had paging pack and applications software difficulties which resulted in 88 minutes lost on Monday. DDOGIMS had no significant problems. [REDACTED]

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[REDACTED]

Att: a/s

UNCLASSIFIED

15 JULY 1981

DDA/ODP  
SYSTEMS AVAILABILITY SUMMARY  
MONDAY 06 JUL 1981 THRU SUNDAY 12 JUL 1981

SYSTEM	CURRENT WEEK 06 JUL - 12 JUL	PREVIOUS 90 DAYS 06 APR - 05 JUL	DIFFERENCE
BATCH	94.32	97.88	- 3.56
INTERACTIVE	92.88	97.10	- 4.22
GIMS	91.47	97.90	- 6.43
CAMS	97.84	97.73	+ .11
OCR-COLTS	90.00	96.07	- 6.07
OCR-RECON	87.57	96.95	- 11.38
DDO-STAR	98.91	96.90	+ 2.01
OSWR-TADS	95.16	97.76	- 2.60

BATCH, INTERACTIVE, GIMS, OCR-COLTS, OCR-RECON, and OSWR-TADS all reported below the goal of 96 percent for the week with each application recording outages due to hardware, software, procedural, and VEPCO power problems.

- BATCH experienced 6 hours and 18 minutes of outages as a result of VEPCO power fluctuations, 2 hours and 35 minutes of hardware problems, and a 40 minute software error.
- INTERACTIVE (VM) had 3 hours and 19 minutes of outages as a result of VEPCO power fluctuations and 36 minutes of hardware problems.
- GIMS experienced 3 hours and 11 minutes of outages as a result of a VEPCO power fluctuation, 53 minutes of hardware outages, and a 12 minute software error.
- OCR-COLTS had 2 hours and 5 minutes of hardware problems, a 1 hour and 35 minute outage as a result of a VEPCO power fluctuation, 1 hour and 5 minutes of procedural errors, and a 5 minute software problem.

- OCR-RECON experienced 2 hours and 5 minutes of hardware problems, 1 hour and 48 minutes of software errors, a 1 hour and 35 minute outage as a result of a VEPCO power fluctuation, and 55 minutes of procedural problems.
- OSWR-TADS had a 2 hour and 40 minute outage as a result of a VEPCO power fluctuation.